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(54) **CONDUCTING POLYMER-CARBON NANOTUBE COMPOSITE MATERIALS AND THEIR USES**

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(57) **ABSTRACT**

Electronically conductive composites of electronically conductive polymers and carbon nanotubes are formed by electrochemical or gel polymerisation of monomer in a carbon nanotube suspension. Electrical energy storage devices are produced from carbon nanotube/electronically conductive polymer composites.